

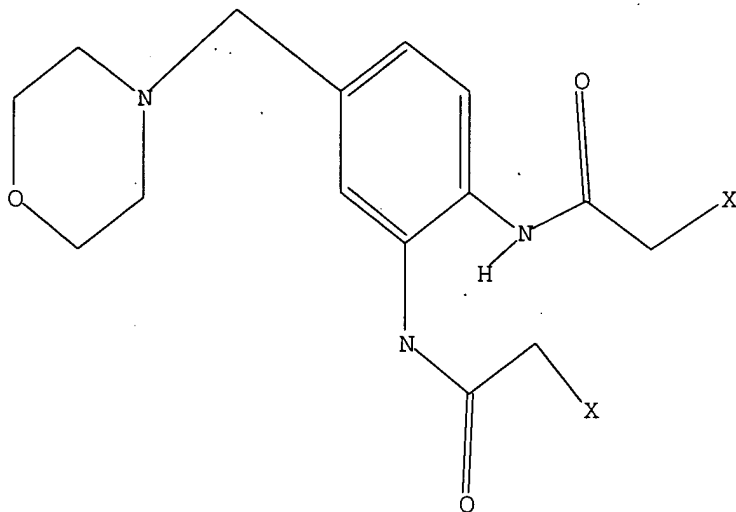
Uploading C:\Program Files\Stnexp\Queries\10721119.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

FULL SEARCH INITIATED 16:39:37 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 229 TO ITERATE

100.0% PROCESSED 229 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

L2 2 SEA SSS FUL L1

=> d l2

L2 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN

RN 552884-01-2 REGISTRY

ED Entered STN: 23 Jul 2003

CN Acetic acid, chloro-, compd. with 2-chloro-N-[2-[(chloroacetyl)amino]-5-(4-morpholinylmethyl)phenyl]-N-methylacetamide (1:1) (9CI) (CA INDEX NAME)

MF C16 H21 Cl2 N3 O3 . C2 H3 Cl O2

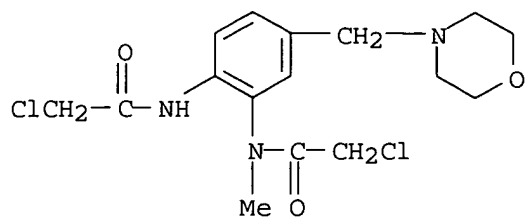
SR CA

LC STN Files: CA, CAPLUS, CASREACT, USPAT2, USPATFULL

CM 1

CRN 552884-00-1

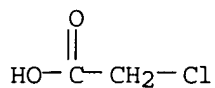
CMF C16 H21 Cl2 N3 O3



CM 2

CRN 79-11-8

CMF C2 H3 Cl O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 12 2

L2 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN

RN 552884-00-1 REGISTRY

ED Entered STN: 23 Jul 2003

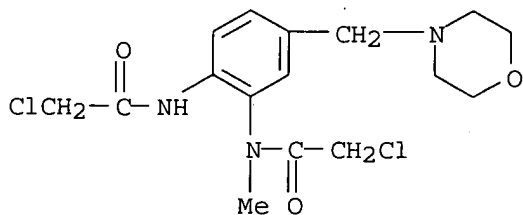
CN Acetamide, 2-chloro-N-[2-[(chloroacetyl)amino]-5-(4-morpholinylmethyl)phenyl]-N-methyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C16 H21 Cl2 N3 O3

CI COM

SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> file caplus

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

165.01

TOTAL

SESSION

165.22

FILE 'CAPLUS' ENTERED AT 16:39:55 ON 08 DEC 2005

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FILE COVERS 1907 - 8 Dec 2005 VOL 143 ISS 24
FILE LAST UPDATED: 7 Dec 2005 (20051207/ED)

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=> s l2

L3 1 L2

=> d l3

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:511334 CAPLUS

DN 139:85383

TI Preparation of pyridoquinoxaline derivatives as antiviral agents

IN Strohbach, Joseph W.; Tanis, Steven P.; Moon, Malcolm W.; Perrault, William R.

PA Pharmacia & Upjohn Company, USA

SO PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2003053972 | A1 | 20030703 | WO 2002-US37614 | 20021219 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | CA 2473862 | AA | 20030703 | CA 2002-2473862 | 20021219 |
| | US 2003130255 | A1 | 20030710 | US 2002-325248 | 20021219 |
| | US 6686356 | B2 | 20040203 | | |
| | EP 1456208 | A1 | 20040915 | EP 2002-789842 | 20021219 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK | | | | |
| | BR 2002015067 | A | 20041109 | BR 2002-15067 | 20021219 |
| | JP 2005516957 | T2 | 20050609 | JP 2003-554688 | 20021219 |
| | US 2004106596 | A1 | 20040603 | US 2003-721119 | 20031125 |
| PRAI | US 2001-342874P | P | 20011220 | | |

US 2002-325248 A3 20021219
WO 2002-US37614 W 20021219
OS CASREACT 139:85383; MARPAT 139:85383
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg.

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 1.55 | 166.77 |

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 7 DEC 2005 HIGHEST RN 869534-51-0
DICTIONARY FILE UPDATES: 7 DEC 2005 HIGHEST RN 869534-51-0

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

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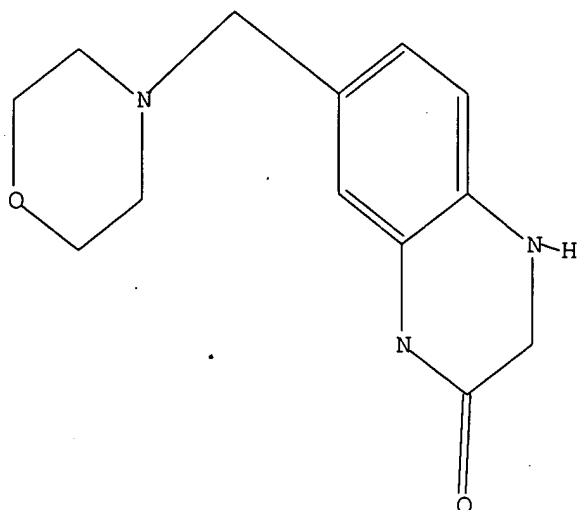
Uploading C:\Program Files\Stnexp\Queries\10721119a.str

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l4 full

FULL SEARCH INITIATED 16:41:00 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 5254 TO ITERATE

100.0% PROCESSED 5254 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

L5 2 SEA SSS FUL L4

=> d l5 1-2

L5 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN

RN 191740-40-6 REGISTRY

ED Entered STN: 25 Jul 1997

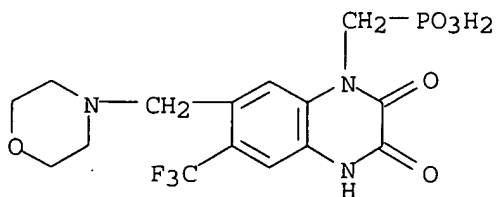
CN Phosphonic acid, [[3,4-dihydro-7-(4-morpholinylmethyl)-2,3-dioxo-6-(trifluoromethyl)-1(2H)-quinoxalinylmethyl]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C15 H17 F3 N3 O6 P

SR CA

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

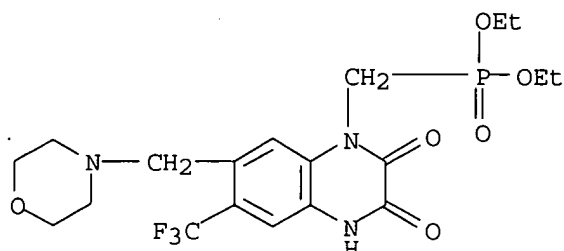
1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN

RN 191740-25-7 REGISTRY

ED Entered STN: 25 Jul 1997
 CN Phosphonic acid, [[3,4-dihydro-7-(4-morpholinylmethyl)-2,3-dioxo-6-(trifluoromethyl)-1(2H)-quinoxaliny]methyl]-, diethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C19 H25 F3 N3 O6 P
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
 COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 165.01 | 331.78 |

FULL ESTIMATED COST

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 FILE LAST UPDATED: 7 Dec 2005 (20051207/ED)

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=> s 15

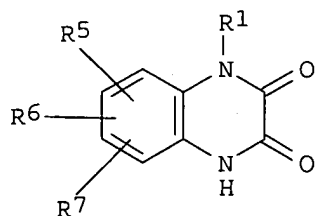
L6 1 L5

=> d 16 ibib abs hitstr

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1997:447997 CAPLUS
 DOCUMENT NUMBER: 127:81611
 TITLE: Preparation of novel quinoxalinedione derivatives as medicaments
 INVENTOR(S): Huth, Andreas; Krueger, Martin; Ottow, Eckhard; Seidelmann, Dieter; Neuhaus, Roland; Schneider, Herbert; Turski, Lechoslaw
 PATENT ASSIGNEE(S): Schering A.-G., Germany
 SOURCE: Ger. Offen., 9 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|------------------|------------------|------------|
| DE 19545251 | A1 | 19970528 | DE 1995-19545251 | 19951124 |
| CA 2238023 | AA | 19970529 | CA 1996-2238023 | 19961115 |
| WO 9719066 | A1 | 19970529 | WO 1996-DE2227 | 19961115 |
| W: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN | | | | |
| RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| AU 9718674 | A1 | 19970611 | AU 1997-18674 | 19961115 |
| AU 720083 | B2 | 20000525 | | |
| EP 876357 | A1 | 19981111 | EP 1996-946000 | 19961115 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| CN 1202891 | A | 19981223 | CN 1996-198529 | 19961115 |
| JP 2000500471 | T2 | 20000118 | JP 1997-519292 | 19961115 |
| ZA 9609832 | A | 19970617 | ZA 1996-9832 | 19961122 |
| NO 9802349 | A | 19980701 | NO 1998-2349 | 19980522 |
| PRIORITY APPLN. INFO.: | | | DE 1995-19545251 | A 19951124 |
| | | | WO 1996-DE2227 | W 19961115 |
| OTHER SOURCE(S): | | MARPAT 127:81611 | | |
| GI | | | | |



I

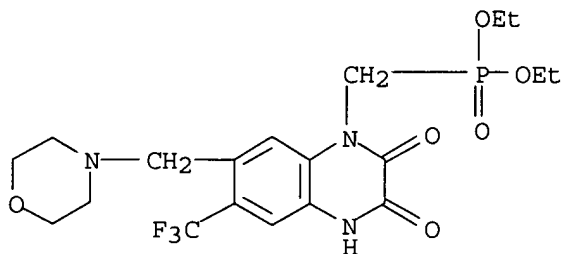
- AB The preparation of title compds. I (R1 = phosphonyl, sulfonyl, or carboxy substituted organo, cyanoorgano, tetrazolylorgano, etc.; R5 = substituted amino, thionyl, carbonyl, etc.; R6, R7 = same or different H, halo, NO2, cyano, substituted amino, carbonyl, alkoxy, hetaryl, etc.), useful as medicaments for central nerves system, is described. Thus, [(6-trifluoromethyl-7-[N-oxy-(N-isopropylformylimino)]-1,2,3,4-tetrahydroquinoxalin-2,3-dion)-1-yl]methanephosphonic acid was prepared in several steps starting from aminomethanephosphonic acid.
 IT **191740-25-7P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)

(preparation of novel quinoxalinedione derivs. as medicaments)

RN 191740-25-7 CAPLUS

CN Phosphonic acid, [[3,4-dihydro-7-(4-morpholinylmethyl)-2,3-dioxo-6-(trifluoromethyl)-1(2H)-quinoxaliny]methyl]-, diethyl ester (9CI) (CA INDEX NAME)



IT 191740-40-6P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of novel quinoxalinedione derivs. as medicaments)

RN 191740-40-6 CAPLUS

CN Phosphonic acid, [[3,4-dihydro-7-(4-morpholinylmethyl)-2,3-dioxo-6-(trifluoromethyl)-1(2H)-quinoxaliny]methyl]- (9CI) (CA INDEX NAME)

